## **WEST Search History for Application 10607809**

Query	DB	Op.	Plur.	Thes.	Date
(inactivated KsQ domain) and PKS	USPT	OR	YES		02-29-2008
Katz.in.	USPT	OR	YES		02-29-2008
Khosla.in.	USPT	OR	YES		02-29-2008
(Khosla,in. ) and ((inactivated KsQ domain) and PKS )	USPT	OR	YES		02-29-2008
(Katz.in. ) and ((inactivated KsQ domain) and PKS )	USPT	OR	YES		02-29-2008
(Katz.in. and (inactivated KsQ domain) and PKS ) and (AT domain for ethylmalonyl CoA)	USPT	OR	YES		02-29-2008
(icm and ccr)	USPT	OR	YES		02-29-2008
((icm and ccr) ) and (Katz.in. and (inactivated KsQ domain) and PKS and (AT domain for ethylmalonyl CoA) )	USPT	OR	YES		02-29-2008
Revill.in.	USPT	OR	YES		02-29-2008
(Revill.in. ) and ( ((inactivated KsQ domain) and PKS ) )	USPT	OR	YES		02-29-2008
60087.pn.	USPT	OR	YES		10-28-2008
6004787.pn.	USPT	OR	YES		10-28-2008
(6004787.pn.) and (beta-ketiacylsynthase)	USPT	OR	YES		10-28-2008
(6004787.pn.) and (beta-ketoacylsynthase)	USPT	OR	YES		10-28-2008
(6004787.pn.) and (loading module)	USPT	OR	YES		10-28-2008
(6004787.pn. ) and (KSQ)	USPT	OR	YES		10-28-2008
KSQ domain	USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		10-28-2008
(KSQ domain ) and (AT domain specific for ethylmalonyl CoA)	USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		10-28-2008

(KSQ domain ) and (AT domain )	USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES	10-28-2008
(KSQ domain and (AT domain ) ) and (crotonyl CoA)	USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES	10-28-2008
(KSQ domain and (AT domain ) ) and (crotonyl CoA reductase)	USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES	10-28-2008
(KSQ domain and (AT domain ) and (crotonyl CoA reductase) ) and (KSQ domain and (AT domain ) and (crotonyl CoA) )	USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES	10-28-2008
(KSQ domain and (AT domain ) and (crotonyl CoA reductase) and KSQ domain and (AT domain ) and (crotonyl CoA) ) and (isobutyryl CoA mutase)	USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES	10-28-2008
(KSQ domain and (AT domain ) and (crotonyl CoA reductase) and KSQ domain and (AT domain ) and (crotonyl CoA) and (isobutyryl CoA mutase) ) (streptomyces cinnamonensis)	USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES	10-28-2008
(L13(streptomyces cinnamonensis) ) and (streptomyces coelicolor)	USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES	10-28-2008
(L13(streptomyces cinnamonensis) and (streptomyces coelicolor) ) and (6 extender module)	USPT, USOC, EPAB, JPAB,	OR	YES	10-28-2008

	DWPI, TDBD			
(L13(streptomyces cinnamonensis) and (streptomyces coelicolor) and (6 extender module) ) and (beta-ketoacylsynthase domain)	USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES	10-28-2008
(L13(streptomyces cinnamonensis) and (streptomyces coelicolor) and (6 extender module) and (beta-ketoacylsynthase domain) ) and (acyl transferase domain)	USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES	10-28-2008
(L13(streptomyces cinnamonensis) and (streptomyces coelicolor) and (6 extender module) and (beta-ketoacylsynthase domain) and (acyl transferase domain) ) and (ethylmalonyl CoA)	USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES	10-28-2008
(L13(streptomyces cinnamonensis) and (streptomyces coelicolor) and (6 extender module) and (beta-ketoacylsynthase domain) and (acyl transferase domain) and (ethylmalonyl CoA) ) and (acyl carrier protein)	USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES	10-28-2008
(L13(streptomyces cinnamonensis) and (streptomyces coelicolor) and (6 extender module) and (beta-ketoacylsynthase domain) and (acyl transferase domain) and (ethylmalonyl CoA) and (acyl carrier protein) ) and (saccharopolyspora)	USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES	10-28-2008
(L13(streptomyces cinnamonensis) and (streptomyces coelicolor) and (6 extender module) and (beta-ketoacylsynthase domain) and (acyl transferase domain) and (ethylmalonyl CoA) and (acyl carrier protein) and (saccharopolyspora) ) and (E. coli)	USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES	10-28-2008
katz.in.	USPT	OR	YES	10-28-2008
(katz.in.) and (L13(streptomyces cinnamonensis) and (streptomyces coelicolor) and (6 extender module) and (beta-ketoacylsynthase domain) and (acyl transferase domain) and (ethylmalonyl CoA) and (acyl carrier protein) and (saccharopolyspora) and (E. coli))	USPT	OR	YES	10-28-2008

6627427.pn.	USPT	OR	YES	10-28-2008
(6627427.pn. ) and (KSQ domain)	USPT	OR	YES	10-28-2008
(6627427.pn. ) and (ethylmalonyl CoA)	USPT	OR	YES	10-28-2008
(6004787.pn. ) and (KS.sup.Q)	USPT	OR	YES	10-28-2008
(6004787.pn. ) and (KS.sup.Q domain)	USPT	OR	YES	10-28-2008
(6004787.pn. ) and (KS)	USPT	OR	YES	10-28-2008
(6627427.pn.) and (crotonyl CoA reductase)	USPT	OR	YES	10-28-2008
(6627427.pn. ) and (isobutyryl CoA)	USPT	OR	YES	10-28-2008
6066721.pn.	USPT	OR	YES	11-07-2008
(6066721.pn. ) and (KSQ)	USPT	OR	YES	11-07-2008
6627427.pn.	USPT	OR	YES	11-07-2008
6004787.pn.	USPT	OR	YES	11-07-2008
(6004787.pn. ) and (KSQ)	USPT	OR	YES	11-07-2008
6583290.pn.	USPT	OR	YES	11-07-2008
(6583290.pn. ) and (KSQ)	USPT	OR	YES	11-07-2008
6410301.pn.	USPT	OR	YES	11-07-2008
(6410301.pn. ) and (KSQ)	USPT	OR	YES	11-07-2008
(thioester and polyketide)	USPT	OR	YES	11-07-2008
((thioester and polyketide) ) and (KSQ)	USPT	OR	YES	11-07-2008
7148045.pn.	USPT	OR	YES	11-07-2008
(7148045.pn. ) and (ethylmalonyl CoA)	USPT	OR	YES	11-07-2008
(7148045.pn. ) and (KSQ)	USPT	OR	YES	11-07-2008
6759536.pn.	USPT	OR	YES	11-07-2008
(6759536.pn. ) and (KSQ)	USPT	OR	YES	11-07-2008
(6759536.pn. ) and (ethylmalonyl)	USPT	OR	YES	11-07-2008
(6759536.pn. ) and (inactivated beta-ketoacylsynthase domain)	USPT	OR	YES	11-07-2008
(6759536.pn. ) and (crotonyl Co A reductase and streptomyces coelicolor)	USPT	OR	YES	11-07-2008
(6759536.pn.) and (extender module)	USPT	OR	YES	11-07-2008
6600029.pn.	USPT	OR	YES	11-07-2008

(6600029.pn. ) and (Ksq)	USPT	OR	YES	11-07-2008
6759536.pn.	USPT	OR	YES	05-12-2009
(6759536.pn. ) and (ccr)	USPT	OR	YES	05-12-2009
(6759536.pn. ) and (PKS enzyme)	USPT	OR	YES	05-12-2009
(6759536.pn. ) and (loading module)	USPT	OR	YES	05-12-2009
(6759536.pn. ) and (KSQ)	USPT	OR	YES	05-12-2009
(6759536.pn. ) and (crotonyl CoA reductase)	USPT	OR	YES	05-12-2009
katz.in.	PGPB	OR	YES	05-12-2009
revill.in.	PGPB	OR	YES	05-12-2009
(revill.in. ) and (katz.in. )	PGPB	OR	YES	05-12-2009
(PKS) and (loading module)	USPT	OR	YES	05-12-2009
(PKS gene encoding loading module)	USPT	OR	YES	05-12-2009
((PKS gene encoding loading module) ) and (inactivated beta-ketoacylsynthase domain)	USPT	OR	YES	05-12-2009
((PKS gene encoding loading module) and (inactivated beta-ketoacylsynthase domain) ) and (acyl transferase domain)	USPT	OR	YES	05-12-2009
((PKS gene encoding loading module) and (inactivated beta-ketoacylsynthase domain) and (acyl transferase domain) ) and (ethylmalonyl CoA)	USPT	OR	YES	05-12-2009
((PKS gene encoding loading module) and (inactivated beta-ketoacylsynthase domain) and (acyl transferase domain) and (ethylmalonyl CoA) ) and (acyl carrier protein domain)	USPT	OR	YES	05-12-2009
((PKS gene encoding loading module) and (inactivated beta-ketoacylsynthase domain) and (acyl transferase domain) and (ethylmalonyl CoA) and (acyl carrier protein domain) ) and (crotonyl CoA reductase)	USPT	OR	YES	05-12-2009
((PKS gene encoding loading module) and (inactivated beta-ketoacylsynthase domain) and (acyl transferase domain) and (ethylmalonyl CoA) and (acyl carrier protein domain) and (crotonyl CoA reductase) ) and (streptomyces fradiae)	USPT	OR	YES	05-12-2009
((PKS gene encoding loading module) and (inactivated beta-ketoacylsynthase domain) and (acyl transferase domain) and (ethylmalonyl CoA) and (acyl carrier protein domain) and (crotonyl CoA reductase) and (streptomyces fradiae)) and (isobutyryl CoA mutase)	USPT	OR	YES	05-12-2009

((PKS gene encoding loading module) and (inactivated beta-ketoacylsynthase domain) and (acyl transferase domain) and (ethylmalonyl CoA) and (acyl carrier protein domain) and (crotonyl CoA reductase) and (streptomyces fradiae) and (isobutyryl CoA mutase)) and (strptomyces cinnamonesis)	USPT	OR	YES	05-12-2009
(6759536.pn.) and (streptomyces)	USPT	OR	YES	05-12-2009